

इंटरनेट

मानक

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“जानने का अधिकार, जीने का अधिकार”

Mazdoor Kisan Shakti Sangathan

“The Right to Information, The Right to Live”

“पुराने को छोड़ नये के तरफ”

Jawaharlal Nehru

“Step Out From the Old to the New”

IS 4007-2-7 (1983): Terminals for Electronic Equipment, Part 2: Detail Terminals, Section 7: Terminal, Non-Insulated, with Insulated Captive Spring Cap, Type TSL 2 [LITD 3: Electromechanical COmponents and Mechanical Structures for Electronic Equipment]



“ज्ञान से एक नये भारत का निर्माण”

Satyanarayan Gangaram Pitroda

“Invent a New India Using Knowledge”



“ज्ञान एक ऐसा खजाना है जो कभी चुराया नहीं जा सकता है”

Bhartḥari—Nitiśatakam

“Knowledge is such a treasure which cannot be stolen”



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Indian Standard

**SPECIFICATION FOR  
TERMINALS FOR ELECTRONIC EQUIPMENT  
PART 2 DETAIL SPECIFICATION FOR TERMINALS**

**Section 7 Terminal, Non-Insulated, with Insulated Captive Spring  
Cap, Type TSL 2**

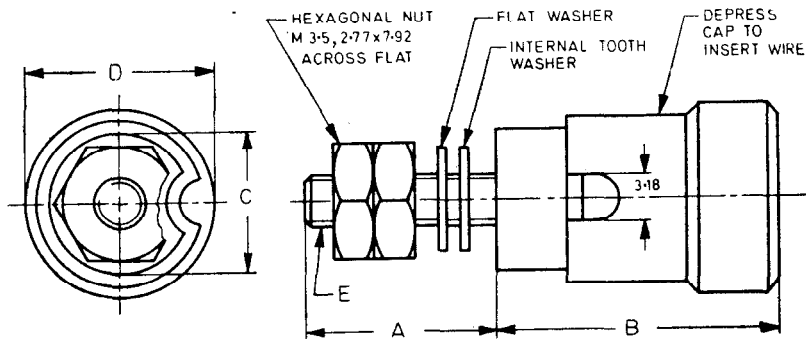
**1. Scope** — This standard ( Part 2/Sec 7 ) covers detail requirements of terminals, non-insulated, with insulated captive spring cap, type TSL 2 and shall be read in conjunction with IS : 4007 ( Part 1 )-1982 'Specification for terminals for electronic equipment: Part 1 General requirements and tests ( first revision )'.

**2. Climatic Test Severities**

Temperature severity	55/85°C	40/70°C
Damp heat ( steady state )	56 days	21 days
Damp heat ( cyclic )	6 cycles	2 cycles
Low air pressure	4.4 kPa	30 kPa
Vibration	10 to 55 Hz, Duration 6 hours Amplitude displacement — 0.75 mm	
Impact	500 m/s <sup>2</sup> , 5 minutes	

**3. Outline Drawing and Dimensions** — See Table 1.

**TABLE 1 DIMENSIONS OF TERMINAL TYPE TSL 2**



Dimensions					Insulation Colour	Sealed/ Non-sealed
A	B Max	C	D	E*		
12.70	19.05	9.53	12.70	M 3.5	Black	Non-sealed

**Note 1** — Dimensions are in millimetres.

**Note 2** — Unless otherwise specified, tolerances are  $\pm 0.40$  mm.

**Note 3** — Drawing depicts only general design characteristics and is not intended to limit specific manufacturing process. Shape of insulated portion is optional.

\*Screw thread according to IS : 4212 ( Part 2 )-1967.

**EXPLANATORY NOTE**

This standard is based on JSS 52710-Jan 1974 'Specification for terminals, captive screw cap and captive spring loaded', published by Ministry of Defence. In addition to climatic severities specified in JSS-52710-Jan 1974, the climatic severities for commercial usage have been included in this standard.

Adopted 18 November 1983

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Gr 1